

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Fixed-Price Economic Price Adjustment		Page 1 Of 13	
2. Amendment/Modification No. 03		3. Effective Date 2004MAY10		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM WARREN BLDG 231 AMSTA-AQ-AHPC SHIRLEY GHARAGOZLOO (586)574-7163 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: GHARAGOS@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA INDIANAPOLIS EMMETT J. BEAN CENTER 8899 E. 56TH ST. INDIANAPOLIS, IN 46249-5701		Code S1501A	
				SCD B PAS NONE ADP PT HQ0337			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) CUMMINS INC. 500 JACKSON STREET M/C 80960 COLUMBUS, IN. 47201-6258 TYPE BUSINESS: Large Business Performing in U.S.				<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		9A. Amendment Of Solicitation No. 9B. Dated (See Item 11) 10A. Modification Of Contract/Order No. DAAE07-96-D-T024/0118 10B. Dated (See Item 13) 2003JUN23	
Code 15434		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) ACRN: AA NET INCREASE: \$122,767.32							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.							
KIND MOD CODE: G							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.							
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input checked="" type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: Mutual Agreement of the Parties							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) ELLEN DENNIS DENNISE@TACOM.ARMY.MIL (586)574-8056			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed 2004MAY10	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 2 of 13
	PIIN/SIIN DAAE07-96-D-T024/0118	MOD/AMD 03	
Name of Offeror or Contractor: CUMMINS INC.			

SECTION A - SUPPLEMENTAL INFORMATION

CONTRACT DAAE07-96-D-T024, DELIVERY ORDER 0118, MODIFICATION 03

DELIVERY ORDER FOR VTA-903T-600 ENGINE REMAN/UPGRADE

PRIOR NET VALUE OF DELIVER ORDER: \$2,628,702.26

TOTAL THIS ACTION: \$ 122,767.32

NEW DELIVERY ORDER VALUE: \$2,751,469.58

- a. This is a bilateral modification issued to expand the remanufacture/upgrade scope of work to include the use of some 500HP engine core.
- b. Thirteen (13) engines will be separated from CLIN 0160AA onto CLIN 0160AB to facilitate a \$9,443.64 each increase in unit price, which takes into account the cost differential of using 500HP rather than 600HP core for the engine remanufacture/upgrade and extension of the delivery schedule for this quantity to 30 April 2005. The Delivery Order total is increased by \$122,767.32 as outlined above.
- c. The work required for CLIN 0160AB is outlined in Attachment 003, 2004 VTA903-T500 to VTA903-T600 Engine Remanufacture and Conversion Scope of Work, which is added at Section J.
- d. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A 004 ***

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0159AA	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>PRODUCTION QUANTITY</u></p> <p>1</p> <p>NOUN: 600HP CENTRY ENGINES PRON: PF3MEXC659 PRON AMD: 02 ACRN: AA AMS CD: 23106552019</p> <p>NSN: 2815-01-509-3958 P/N: 903-600PCXCO (Cummins)</p> <p>Remanufactured VTA903-T600 ENGINE, DIESEL, CUMMINS MODEL VTA903-T600 WITH CENTRY, to be returned in a REFURBISHED metal Container for use in the Precision Fires Mod Proram.</p> <p>THIS IS A REMANUFACTURING EFFORT. THE GOVERNMENT WILL BE PROVIDING THE CONTRACTOR WITH CORE.</p> <p>Work to be performed in accordance with attached 2003 VTA903-T600 ENGINE REMANUFACTURE SCOPE OF WORK.</p> <p>THROTTLE POSITION SENSORS will <u>not</u> be provided as part of these engines.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: AK14230929 UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: A</p> <p>Engines will be packaged in refurbished (PRM-1500) Containers with new Shear Mounts.</p> <p>Contractor will work to TB-9-289 (refurbished) in lieu of A-A-52462 (new). Instructions regarding special marking for rebuilt engines will not apply to remanufactured engines.</p> <p>Marking of exterior pack to be shown in accordance with MIL-STD-129, Revision M.</p> <p>(End of narrative E001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p>Inspection/Acceptance of this Delivery Order</p>	1	EA	\$ 32,010.50000	\$ 32,010.50

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																														
	<p>will be under the terms of FAR 52.246-15 Certificate of Conformance.</p> <p>The place of performance and the inspection/acceptance point for the finished product (Engine in Container) is as follows:</p> <p>Indiana Reserach Institute 4571 Long Road Columbus, IN 47203</p> <p>(End of narrative F001)</p> <p><u>Deliveries or Performance</u></p> <table><tr><td>DOC</td><td colspan="5">SUPPL</td></tr><tr><td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr><tr><td>001</td><td>W80FLR3139EF03</td><td>W8007A</td><td>M</td><td></td><td>2</td></tr><tr><td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td colspan="4"><u>DEL DATE</u></td></tr><tr><td>001</td><td>1</td><td colspan="4">31-DEC-2003</td></tr></table> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>FREIGHT ADDRESS</u> (W8007A) XR SPECIAL PROJECT OFFICE BRX ACCT DEFENSE DIST CENTER RED RIVER 10TH AND K ST BLDG 499 TEXARKANA TX 75507-5000</p> <p><u>CONTRACT/DELIVERY ORDER NUMBER</u> DAAE07-96-D-T024/0118</p> <p>MARK FOR ATTENTION OF MARILYNN MURPHY</p> <p>-----</p> <p>DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.</p> <p>(End of narrative F002)</p>	DOC	SUPPL					<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001	W80FLR3139EF03	W8007A	M		2	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>				001	1	31-DEC-2003							
DOC	SUPPL																																		
<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>																														
001	W80FLR3139EF03	W8007A	M		2																														
<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>																																	
001	1	31-DEC-2003																																	
0159AB	<p><u>PRODUCTION QUANTITY</u></p> <p>NOUN: 600HP CENTRY ENGINES PRON: PF3MEXC659 PRON AMD: 02 ACRN: AA AMS CD: 23106552019</p> <p>NSN: 2815-01-509-3958 P/N: 903-600PCXCO (Cummins)</p> <p>Remanufactured VTA903-T600 ENGINE, DIESEL,</p>	10	EA	\$ 33,290.92000	\$ 332,909.20																														

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-96-D-T024/0118 MOD/AMD 03	Page 5 of 13
--------------------	-----------------------------------------------------------------------------------------	--------------

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>CUMMINS MODEL VTA903-T600 WITH CENTRY, to be returned in a REFURBISHED metal Container for use in the Precision Fires Mod Proram.</p> <p>THIS IS A REMANUFACTURING EFFORT. THE GOVERNMENT WILL BE PROVIDING THE CONTRACTOR WITH CORE.</p> <p>Work to be performed in accordance with attached 2004 VTA903-T600 ENGINE REMANUFACTURE SCOPE OF WORK.</p> <p>THROTTLE POSITION SENSORS will <u>not</u> be provided as part of these engines.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: AK14230929 UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: A</p> <p>Engines will be packaged in refurbished (PRM-1500) Containers with new Shear Mounts.</p> <p>Contractor will work to TB-9-289 (refurbished) in lieu of A-A-52462 (new). Instructions regarding special marking for rebuilt engines will not apply to remanufactured engines.</p> <p>Marking of exterior pack to be shown in accordance with MIL-STD-129, Revision M.</p> <p>(End of narrative E001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p>Inspection/Acceptance of this Delivery Order will be under the terms of FAR 52.246-15 Certificate of Conformance.</p> <p>The place of performance and the inspection/acceptance point for the finished product (Engine in Container) is as follows:</p> <p>Indiana Reserach Institute 4571 Long Road Columbus, IN 47203</p> <p>(End of narrative F001)</p>				

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div><div>Deliveries or Performance</div><div>DOC SUPPL</div><div>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</div><div>001 W80FLR3139EF03 W8007A M 2</div><div>DEL REL CD QUANTITY DEL DATE</div><div>002 10 04-DEC-2004</div><div>FOB POINT: Origin</div><div>SHIP TO: FREIGHT ADDRESS</div><div>(W8007A) XR SPECIAL PROJECT OFFICE BRX ACCT</div><div>DEFENSE DIST CENTER RED RIVER</div><div>10TH AND K ST BLDG 499</div><div>TEXARKANA TX 75507-5000</div><div>CONTRACT/DELIVERY ORDER NUMBER</div><div>DAAE07-96-D-T024/0118</div><div>MARK FOR ATTENTION OF MARILYNN MURPHY</div><div>-----</div><div>DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED</div><div>THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.</div><div>(End of narrative F002)</div></div>				
0160AA	<div><div>PRODUCTION QUANTITY</div><div>NOUN: 600HP CENTRY ENGINE</div><div>PRON: PF3MEXC559 PRON AMD: 04 ACRN: AA</div><div>AMS CD: 23106552019</div><div>NSN: 2815-01-509-3958</div><div>P/N: 903-600PCXCO (Cummins)</div><div>Remanufactured VTA903-T600 ENGINE, DIESEL,</div><div>CUMMINS MODEL VTA903-T600 WITH CENTRY,</div><div>to be returned in a REFURBISHED metal Container</div><div>for use in the Precision Fires Mod Proram.</div><div>THIS IS A REMANUFACTURING EFFORT.</div><div>THE GOVERNMENT WILL BE PROVIDING THE</div><div>CONTRACTOR WITH CORE.</div><div>Work to be performed in accordance with</div><div>attached 2004 VTA903-T600 ENGINE REMANUFACTURE</div><div>SCOPE OF WORK.</div><div>THROTTLE POSITION SENSORS will not be provided</div><div>as part of these engines.</div><div>(End of narrative C001)</div></div>	52	EA	\$ 33,290.92000	\$ 1,731,127.84

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: AK14230929 UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: A</p> <p>Engines will be packaged in refurbished (PRM-1500) Containers with new Shear Mounts.</p> <p>Contractor will work to TB-9-289 (refurbished) in lieu of A-A-52462 (new). Instructions regarding special marking for rebuilt engines will not apply to remanufactured engines.</p> <p>Marking of exterior pack to be shown in accordance with MIL-STD-129, Revision M.</p> <p>(End of narrative E001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p>Inspection/Acceptance of this Delivery Order will be under the terms of FAR 52.246-15 Certificate of Conformance.</p> <p>The place of performance and the inspection/acceptance point for the finished product (Engine in Container) is as follows:</p> <p>Indiana Reserach Institute 4571 Long Road Columbus, IN 47203</p> <p>(End of narrative F001)</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG CD</u> <u>MARK FOR</u> <u>TP CD</u> 001 W80FLR3139EF01 W8007A M 2 <u>DEL REL CD</u> <u>QUANTITY</u> <u>DEL DATE</u> 001 52 31-DEC-2004</p> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>FREIGHT ADDRESS</u> (W8007A) XR SPECIAL PROJECT OFFICE BRX ACCT DEFENSE DIST CENTER RED RIVER 10TH AND K ST BLDG 499 TEXARKANA TX 75507-5000</p>				

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div>CONTRACT/DELIVERY ORDER NUMBER DAAE07-96-D-T024/0118</div> <div>MARK FOR ATTENTION OF MARILYNN MURPHY</div> <div>-----</div> <div>DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.</div> <div>(End of narrative F002)</div>				
0160AB	<div>PRODUCTION QUANTITY</div> <div>NOUN: 600HP CENTRY ENGINE PRON: PF3MEXC559 PRON AMD: 04 ACRN: AA AMS CD: 23106552019</div> <div>NSN: 2815-01-509-3958 P/N: 903-600PCXCO (Cummins)</div> <div>Remanufactured VTA903-T600 ENGINE, DIESEL, CUMMINS MODEL VTA903-T600 WITH CENTRY, to be returned in a REFURBISHED metal Container for use in the Precision Fires Mod Proram.</div> <div>THIS IS A REMANUFACTURING AND CONVERSION EFFORT. THE GOVERNMENT WILL BE PROVIDING THE CONTRACTOR WITH (500HP) CORE.</div> <div>Work to be performed in accordance with attached 2004 VTA-T500 TO VTA903-T600 ENGINE REMANUFACTURE AND CONVERSION SCOPE OF WORK.</div> <div>THROTTLE POSITION SENSORS will <u>not</u> be provided as part of these engines.</div> <div>(End of narrative C001)</div> <div>Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: AK14230929 UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: A</div> <div>Engines will be packaged in refurbished (PRM-1500) Containers with new Shear Mounts.</div>	13	EA	\$ 42,734.56000	\$ 555,549.28

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>Contractor will work to TB-9-289 (refurbished) in lieu of A-A-52462 (new). Instructions regarding special marking for rebuilt engines will not apply to remanufactured engines.</p> <p>Marking of exterior pack to be shown in accordance with MIL-STD-129, Revision M.</p> <p>(End of narrative E001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p>Inspection/Acceptance of this Delivery Order will be under the terms of FAR 52.246-15 Certificate of Conformance.</p> <p>The place of performance and the inspection/acceptance point for the finished product (Engine in Container) is as follows:</p> <p>Indiana Reserach Institute 4571 Long Road Columbus, IN 47203</p> <p>(End of narrative F001)</p> <p><u>Deliveries or Performance</u> DOC SUPPL <u>REL CD</u> <u>MILSTRIP</u> <u>ADDR</u> <u>SIG_CD</u> <u>MARK_FOR</u> <u>TP_CD</u> 001 W80FLR3139EF01 W8007A M 2 <u>DEL_REL_CD</u> <u>QUANTITY</u> <u>DEL_DATE</u> 001 13 30-APR-2005</p> <p>FOB POINT: Origin</p> <p>SHIP TO: <u>FREIGHT ADDRESS</u> (W8007A) XE SPECIAL PROJECT OFFICE BRX ACCT DEFENSE DIST CENTER RED RIVER 10TH AND K ST BLDG 499 TEXARKANA TX 75507-5000</p> <p><u>CONTRACT/DELIVERY ORDER NUMBER</u> DAAE07-96-D-T024/0118</p> <p>MARK FOR ATTENTION OF MARILYNN MURPHY</p> <p>-----</p> <p>DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.</p> <p>(End of narrative F002)</p>				

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0168AA	<p><u>PRODUCTION QUANTITY</u></p> <p>NOUN: 600 HP ENGINE REMANUFACTURE PRON: PF3MEXD759 PRON AMD: 03 ACRN: AA AMS CD: 23106552019</p> <p>NSN: 2815-01-509-3958 P/N: 903-600PCXCO (Cummins)</p> <p>Remanufactured VTA903-T600 ENGINE, DIESEL, CUMMINS MODEL VTA903-T600 WITH CENTRY, to be returned in a REFURBISHED metal Container for use in the Precision Fires Mod Proram.</p> <p>THIS IS A REMANUFACTURING EFFORT. THE GOVERNMENT INTENDS TO PROVIDE THE CONTRACTOR WITH CORE.</p> <p>Work to be performed in accordance with attached 2004 VTA903-T600 ENGINE REMANUFACTURE SCOPE OF WORK.</p> <p>THROTTLE POSITION SENSORS will <u>not</u> be provided as part of these engines.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: AK14230929 UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p>Inspection/Acceptance of this Delivery Order will be under the terms of FAR 52.246-15 Certificate of Conformance.</p> <p>The place of performance and the inspection/acceptance point for the finished product (Engine in Container) is as follows:</p> <p>Indiana Reserach Institute 4571 Long Road Columbus, IN 47203</p> <p>(End of narrative F001)</p>	3	EA	\$ 33,290.92000	\$ 99,872.76

Name of Offeror or Contractor: CUMMINS INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div>Deliveries or Performance</div> <div>DOC SUPPL</div> <div>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</div> <div>001 W80FLR3174EF04 W8007A M 2</div> <div>DEL REL CD QUANTITY DEL DATE</div> <div>001 3 31-DEC-2004</div> <div>FOB POINT: Origin</div> <div>SHIP TO: FREIGHT ADDRESS</div> <div>(W8007A) XR SPECIAL PROJECT OFFICE BRX ACCT</div> <div>DEFENSE DIST CENTER RED RIVER</div> <div>10TH AND K ST BLDG 499</div> <div>TEXARKANA TX 75507-5000</div> <div>CONTRACT/DELIVERY ORDER NUMBER</div> <div>DAAE07-96-D-T024/0118</div> <div>MARK FOR ATTENTION OF MARILYNN MURPHY</div> <div>-----</div> <div>DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED</div> <div>THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.</div> <div>(End of narrative F002)</div>				

Name of Offeror or Contractor: CUMMINS INC.

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ ITEM MIPR	OBLG STAT/ ACRN JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
0160AA	PF3MEXC559 23106552019	AA 1 3PFMEX	\$ 2,163,909.80	\$ -432,781.96	\$ 1,731,127.84
0160AB	PF3MEXC559 23106552019	AA 1 3PFMEX	\$ 0.00	\$ 555,549.28	\$ 555,549.28
NET CHANGE				\$ 122,767.32	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AA	21 32032000035L5L06P23106531E8 S01021	W31G3H	\$ 122,767.32
NET CHANGE				\$ 122,767.32

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 2,628,702.26	\$ 122,767.32	\$ 2,751,469.58

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 13 of 13
	PIIN/SIIN DAAE07-96-D-T024/0118	MOD/AMD 03	

Name of Offeror or Contractor: CUMMINS INC.

SECTION J - LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Attachment 003	2004 VTA903-T500 TO VTA903-T600 ENGINE REMANUFACTURE AND CONVERSION SCOPE OF WORK		004	

VTA903-T500 to VTA903-T600 Engine Remanufacture and Conversion
Scope of Work

This Statement of Work (SOW) will serve as the vehicle for tasking Cummins Inc. (Cummins) for the remanufacture/conversion of VTA903-T500 engines to VTA903-T600 engines for the US Army, as needed. There is no time limit for this SOW; however, the included engine pricing and replacement core charge list will be updated annually.

The VTA903-T500 core for the engines to be remanufactured will be provided by the Government, will be considered by Cummins as core material, and, therefore, will become the property of Cummins. Unusable core will require replacement either by providing a direct replacement for the unusable core (provide useable part), or by purchasing replacement core from Cummins at pricing included in the engine replacement core charge list below.

Cummins shall remanufacture the engines in accordance with their corporate remanufacturing practices and standards. Upon completion of the engine remanufacture, Cummins shall be responsible for arranging shipping of the remanufactured engine to the location/address provided. Cost of transportation can be included in the Remanufacture/Conversion engine pricing, or funded separately. Delivery of the remanufactured engine(s) shall be negotiated at the time of purchase.

Cummins shall provide the remanufactured engine with a new serial number and the same base engine warranty as provided with new production engines. Estimated completion dates can be provided upon request. The agreed upon deliverable for each acceptable VTA903-T500 core engine shall be a remanufactured engine in the most current production configuration for the VTA903-T600 engine.

Cummins can also provide refurbished PRM-1500 or 12298163 containers for engine core material provided to Cummins in used PRM-1500 or 12298163 containers. Used PRM-1500 or 12298163 containers as core for the refurbishing process provided by the Government, will be considered by Cummins as core material, and, therefore, will become the property of Cummins. Cummins will notify the Government of any unusable PRM-1500 or 12298163 container core.

The agreed upon deliverable for each acceptable PRM-1500 or 12298163 core container shall be a refurbished PRM-1500 or 12298163 container. Containers shall be refurbished in accordance with Department of the Army Technical Bulletin TB9-289, and marked in accordance with MIL-STD-129M.

Engine Remanufacturing & Option Pricing, and
Replacement Core Charge List

Calendar Year 2004

VT A903-T600 Conversion Engine	
Remanufacture Price	\$36,400.00

Component	P/N	Core Value
Crankshaft	AR12976	\$2,522.16
Camshaft	3072869	\$ 567.28
Cylinder Head Castings	180102	\$1,037.80
Camshaft Gear	3031728	\$ 160.89
Connecting Rods	3073579	\$ 131.30
Transmission Oil Cooler	3066146	\$ 977.77
Vibration Damper	3552912	\$ 256.17
Rocker Lever Housing	3086378	\$ 147.58
Rear Crank Adapter	215633	\$ 108.84
Flywheel Housing	3017378	\$ 534.05
Flywheel	3004152	\$ 146.12
Radiator Support	3017395	\$ 94.59
Radiator Support	3017396	\$ 75.51
Gear Cover	3160999	\$ 95.21

Option Pricing	CENTRY	\$1,560.00
	Export Box	\$ 312.00
	Refurbished Container	\$3,130.92

REBUILD VS REMANUFACTURE

Rebuilding of a heavy duty Cummins engine (such as the V903) typically involves the replacement of wear components such as the engine bearings, piston rings, cylinder liners, etc. An extensive rebuild can also include requalification of some of the engine critical areas such as the upper and lower counter bore areas of the cylinder block for proper fit of the replaceable wet cylinder liners. Rebuild of major components is also typically a part of an extensive engine rebuild.

Cummins' shop manuals, available for the various model engines, provide the needed information for service re-use of certain components, and instructions for disassembly and reassembly of the engine. Rebuilding is typically performed in a job shop type of environment, even when fairly large quantities are involved.

Remanufacture of an engine is essentially restoring the engine to a like new condition. The single most important ingredient that segregates a new engine from one that is remanufactured is that the new engine cannot contain any used parts, whereas the remanufactured engine can.

Remanufacturing an engine includes inspection of all areas of wear, including areas of the engine that are known to wear after extensive operation that are not classified as wear areas in terms of rebuild. These areas, which include, but are not limited to, the turbocharger turbine and compressor casings, the water pump housing, certain areas of the cylinder block, etc., usually have some degree of wear due to relative movement of component assembly members from vibration or thermal expansion and contraction, and may have some minor damage due to contact with moving components that became excessively worn during operation, or failed.

During a remanufacturing process, such as that used by Cummins, areas where wear can occur are requalified to new engine condition. This can involve the addition of material, and then machining the component to new engine manufacturing print specifications, which requires access to Cummins' proprietary drawings. The entire engine work process is conducted in a mass production environment (as opposed to the earlier job shop environment), and the end product carries a warranty that is the same or similar to the new engine warranty.

The remanufacture of Cummins V903 family of engines is conducted in the same facility as is used for the production of new engines. A remanufactured V903 engine is assembled, tested, and finish processed using the same procedures, equipment, and personnel that are involved in the manufacture of a new V903 engine.

While there are many areas of detail that differentiate an engine rebuild from an engine remanufacture, the primary ones are the environment of the work (job shop vs. production) and the end level to which the product is taken (replacement of wear items vs. return to a like new condition), and the product warranty.

CORE QUALIFICATION

CORE ACCEPTANCE IS BASED ON AN EXTERNAL AND INTERNAL INSPECTION. CORE IS ACCEPTABLE IF CORE INSPECTION INDICATES FOLLOWING:

1. Core is complete with applicable engine component parts per Cummins Engine Company, Inc. specifications and drawings.
2. Primary engine and component castings are not visibly cracked, broken, or damaged.
3. Core is not damaged by non-operational causes such as rust, rough handling, or fire.
4. Core is free from all oils and fluids except for normal drainage that occurs during shipment. An additional charge will apply if core does not meet this standard.
5. Core has not been subjected to any salvage techniques that would render critical areas out of dimensional tolerance or otherwise unusable.